

1/20

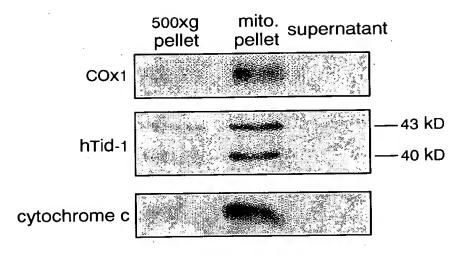
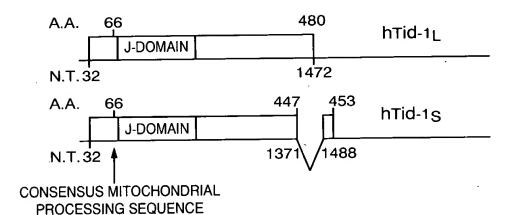


FIG. 1A



hTid-1L carboxyl terminus SSGGSTMDSSAGSKARREAGEDEEGFLSKLKKMFTS

## hTid-1s carboxyl terminus SSGKRSTGN

FIG. 1B



FIG. 1C





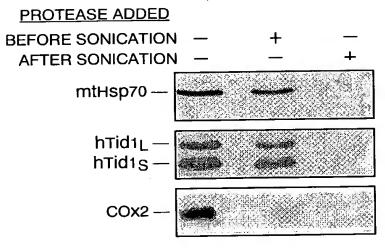
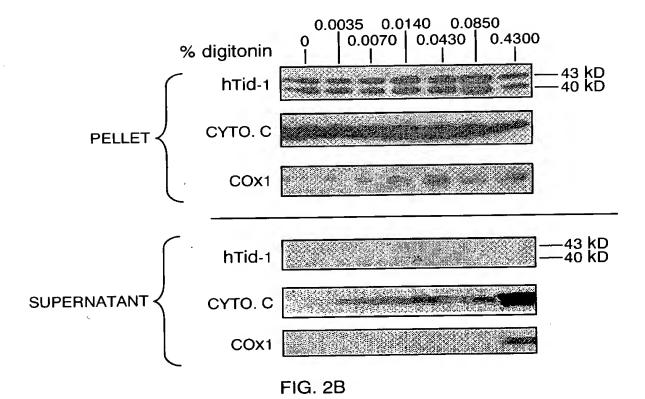


FIG. 2A



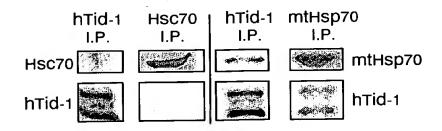


FIG. 2C



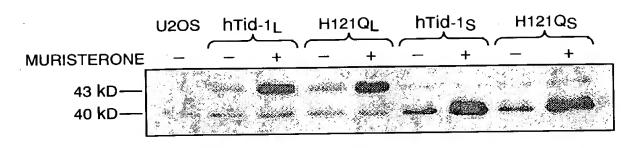


FIG. 3A

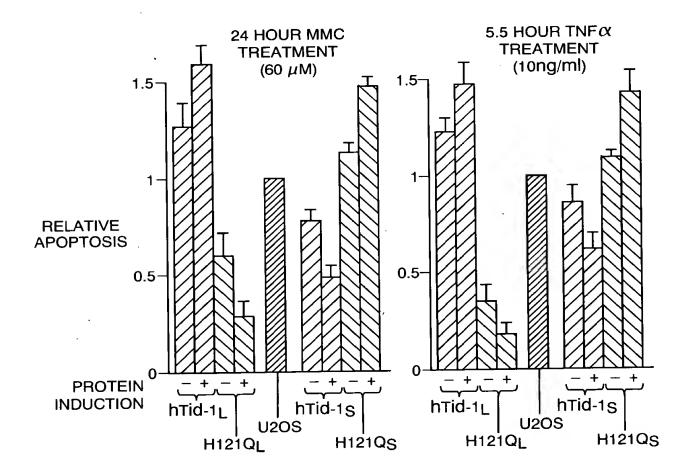


FIG. 3B



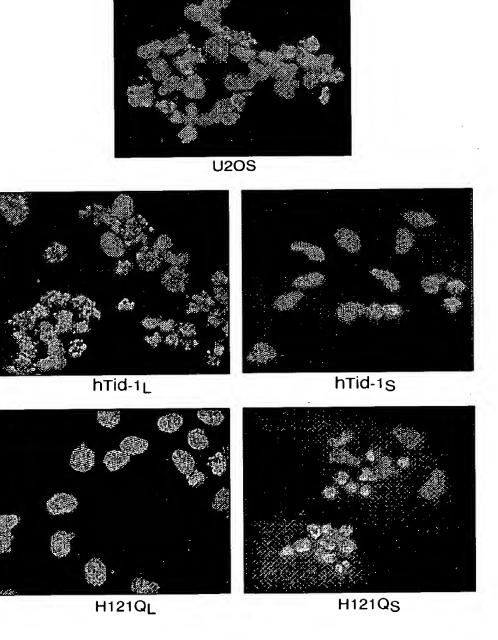


FIG. 3C



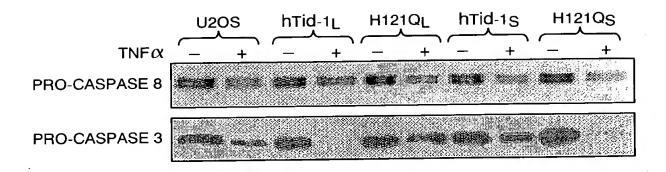
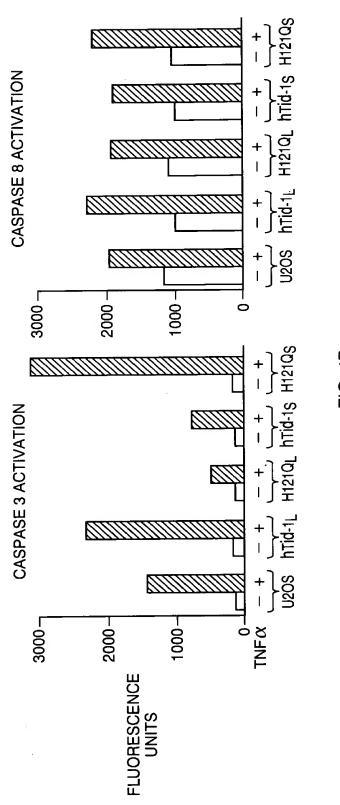


FIG. 4A





-IG. 4B



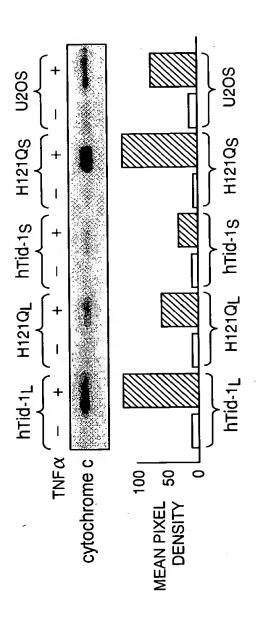


FIG. 4C



Macleotide sequence of coding sequence encoding hTidlL: cttgcggccccgagcgctgctgacattgagacctggtgtcagccttacaggaacaaaacataaccctttcatttgtact agagatcaagaaagcctattatcagcttgccaagaagtatcaccctgacacaaataaggatgatcccaaagccaaggaga agttctcccagctggcagaagcctatgaggttttgagtgatgaggtgaagaggaagcagtacgatgcctacggctctgca $\verb|ggcttcgatcctggggccagcggctcccagcatagctactggaagggaggccccactgtggaccccgaggagctgttcag|$ gaagatctttggcgagttctcatcctcttcatttggagatttccagaccgtgtttgatcagcctcaggaatacttcatggggcaaggggaacgagcccggcaccaaggtgcagcattgccactactgtggcggctccggcatggaaaccatcaacacagg gagcaggacaagccaagcagaaaaagcgagtgatgatccctgtgcctgcaggagtcgaggatggccagaccgtgaggatg  $\verb|cctgtgggaaaaagggaaattttcattacgttcagggtgcagaaaagccctgtgttccggagggacggcgcagacatcca|\\$  $\verb|ctccgacctctttatttctatagctcaggctcttcttgggggaacagccagagcccagggcctgtacgagacgatcaacg|$ tacggagaccactacatccacatcaagatacgagttccaaagaggctaacgagccggcagcagagcctgatcctgagcta cgccgaggacgagacagatgtggaggggacggtgaacggcgtcaccctcaccagctctggtggcagcaccatggatagct  $\verb|ccgcaggaagcaaggctaggcgtgaggctggggaggacgaggggattcctttccaaacttaagaaaatgtttacctca|\\$ TGA

## Nucelotide sequence of coding sequence encoding hTidlS:

 $\verb|cttgcggccccgagcgctgctgacattgagacctggtgtcagccttacaggaacaaaacataaccctttcatttgtact|$ agagatcaagaaagcctattatcagcttgccaagaagtatcaccctgacacaaataaggatgatcccaaagccaaggaga agttctcccagctggcagaagcctatgaggttttgagtgatgaggtgaagaggaagcagtacgatgcctacggctctgca  $\verb|ggcttcgatcctggggccagcggctcccagcatagctactggaagggaggccccactgtggaccccgaggagctgttcag|$ gaagatetttggegagtteteateetetteatttggagattteeagacegtgtttgateageeteaggaataetteatgg agttgacattcaatcaagctgcaaagggggtcaacaaggagttcaccgtgaacatcatggacacgtgtgagcgctgcaac ggcaaggggaacgagcccggcaccaaggtgcagcattgccactactgtggcggctccggcatggaaaccatcaacagg cccttttgtgatgcgttccacgtgtaggagatgtggtggccgcgggctccatcatcatatcgccctgtgtggtctgcaggg gagcaggacaagccaagcagaaaaagcgagtgatgatccctgtgcctgcaggagtcgaggatggccagaccgtgaggatg cctgtgggaaaaagggaaattttcattacgttcagggtgcagaaaagccctgtgttccggagggacggcgcagacatcca ctccgacctctttatttctatagctcaggctcttcttgggggaacagccagagcccagggcctgtacgagacgatcaacg tacggagaccactacatccacatcaagatacgagttccaaagaggctaacgagccggcagcagagcctgatcctgagcta cgccgaggacgagacagatgtggaggggacggtgaacggcgtcaccctcaccagctctggAAAAAGATCCACTGGAAACT AG



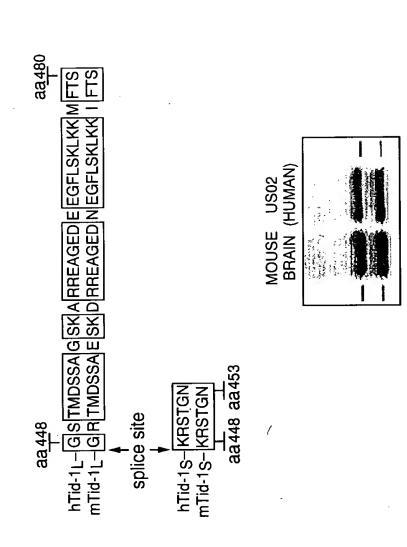


FIG. 6



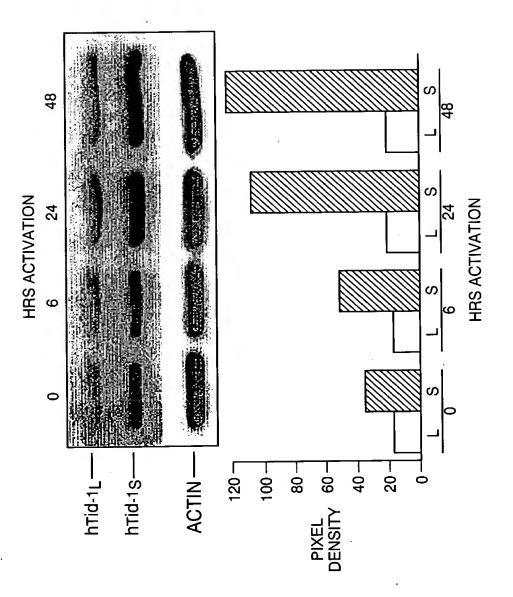


FIG. 7A



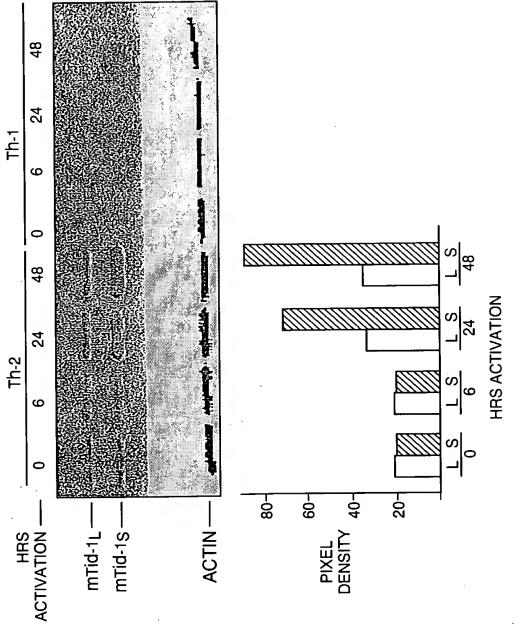


FIG. 7B



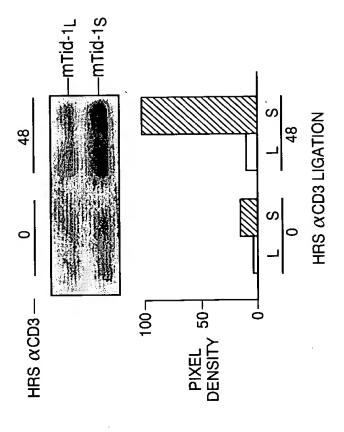


FIG. 7C



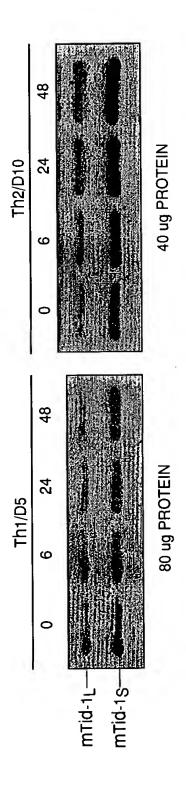
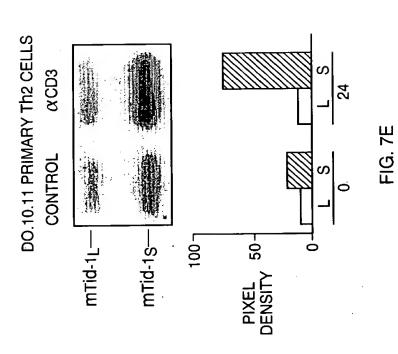


FIG. 7D







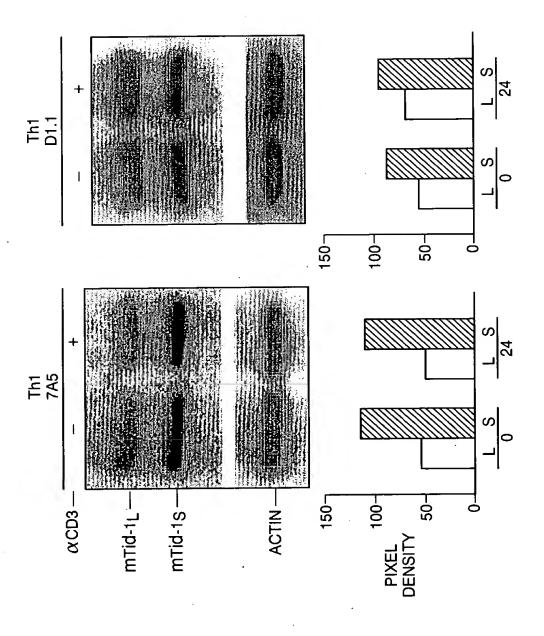


FIG. 7F1



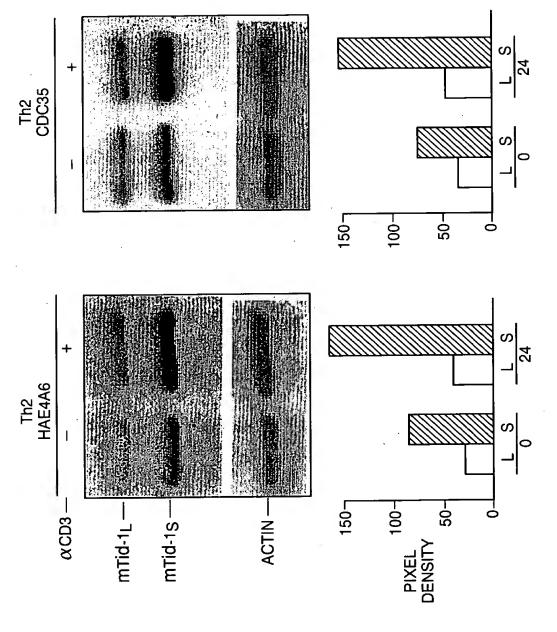
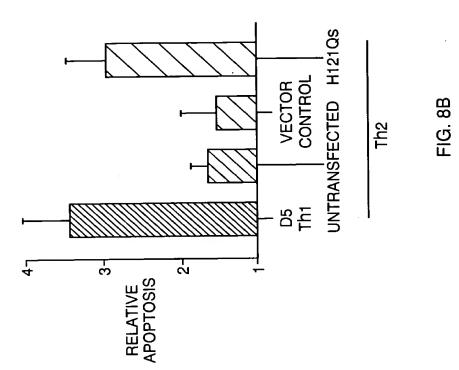
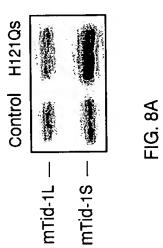
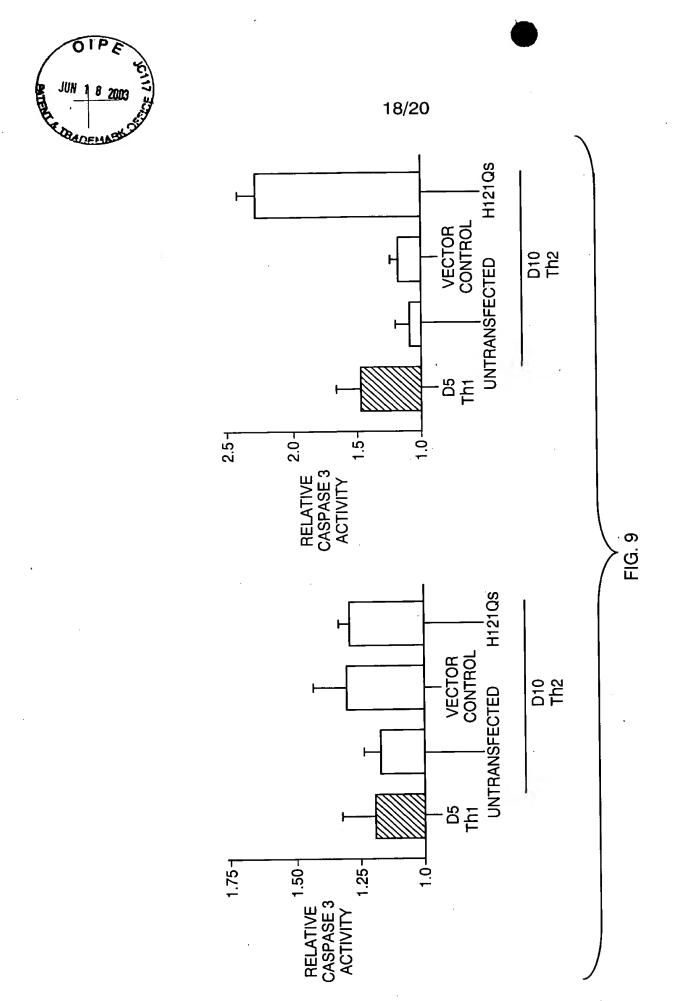


FIG. 7F2









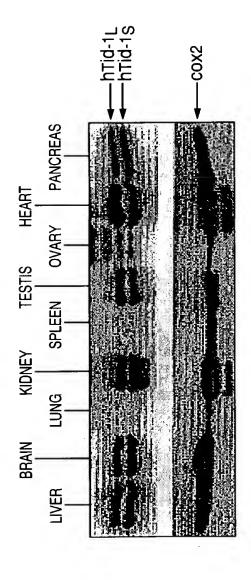


## Amino acid sequence of mTid-1L:

## Amino acid sequence of mTid-1S:

FIG. 10





트 구.